

PULSE-CROSS PRESENTATION

A pulse-cross monitor will display horizontal and vertical synchronizing and blanking signals simultaneously. By displaying all the timing information at once, it permits rapid evaluation of synchronizing and blanking pulses and adjustment of sync generating equipment as required. The number of equalizing pulses, vertical synchronizing pulses, and the number of lines in the vertical blanking period can be readily counted. The time duration of all synchronizing pulses can be measured in terms of the picture width, and the kinescope can be fitted with a scale marked off to show F.C.C. tolerance limits for these pulses. Errors in starting time or pulse duration stand out as a horizontal displacement of successive pulses. An operator familiar with the pattern can tell instantly whether or not the pattern is normal.

